

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120922\
 Data File : VY011754.D
 Acq On : 09 Dec 2022 19:37
 Operator : KP/MD
 Sample : N5804-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1-STOCK

Quant Time: Dec 10 03:57:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 03:30:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

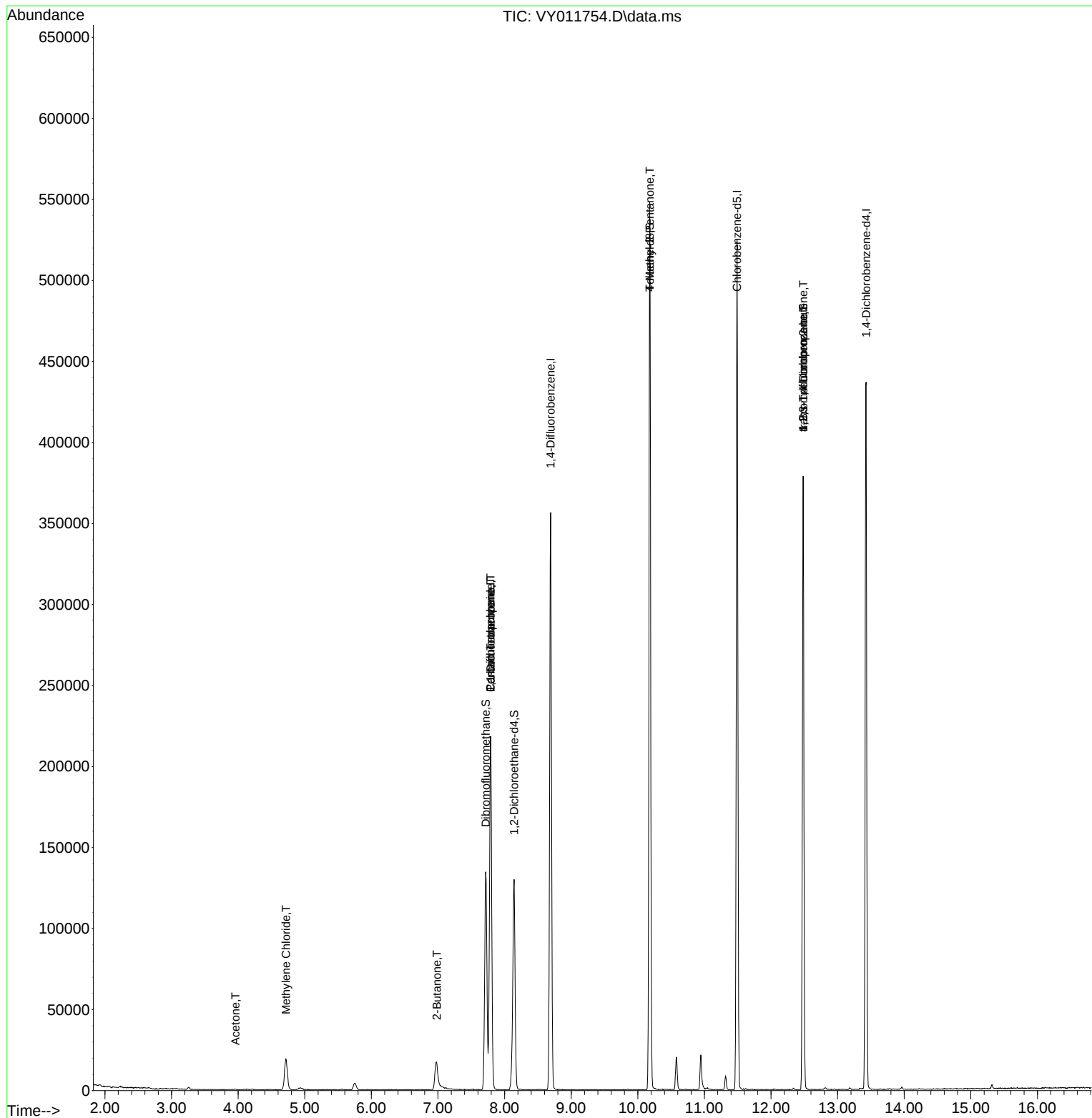
Internal Standards						
1) Pentafluorobenzene	7.789	168	170709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	301383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	279223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	96935	86.735	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 173.480%#	
35) Dibromofluoromethane	7.716	113	94266	72.119	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 144.240%	
50) Toluene-d8	10.179	98	361841	87.385	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 174.760%#	
62) 4-Bromofluorobenzene	12.483	95	110048	64.285	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 128.580%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	237	Below Cal	#	41
3) Chloromethane	2.119	50	183	Below Cal	#	41
5) Bromomethane	2.656	94	158	Below Cal	#	72
11) Tert butyl alcohol	4.930	59	1034	Below Cal	#	74
16) Acetone	3.960	43	473	1.015	ug/l #	40
18) Methyl Acetate	4.491	43	212	Below Cal	#	50
20) Methylene Chloride	4.716	84	14647	3.346	ug/l	96
25) 2-Butanone	6.984	43	1063	1.773	ug/l #	46
31) Cyclohexane	7.789	56	3376	Below Cal	#	9
36) 1,1-Dichloropropene	7.789	75	13272	5.803	ug/l #	49
38) Carbon Tetrachloride	7.789	117	17682	6.582	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	1418	1.061	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	57958	48.967	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	57958	111.116	ug/l #	13

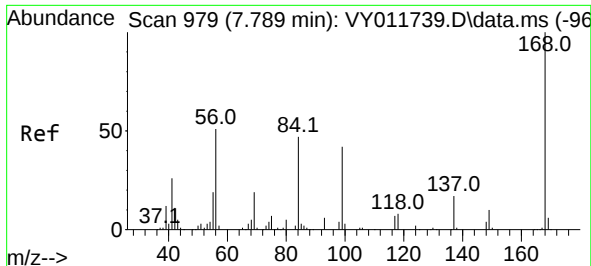
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120922\
Data File : VY011754.D
Acq On : 09 Dec 2022 19:37
Operator : KP/MD
Sample : N5804-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1-STOCK

Quant Time: Dec 10 03:57:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
Quant Title : SW846 8260
QLast Update : Sat Dec 10 03:30:20 2022
Response via : Initial Calibration

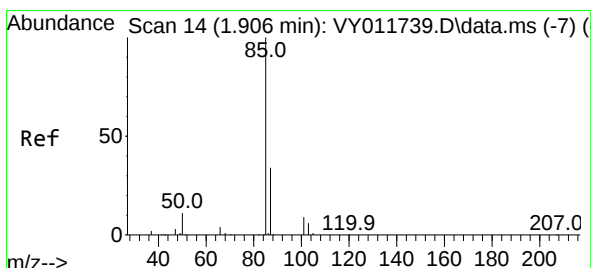
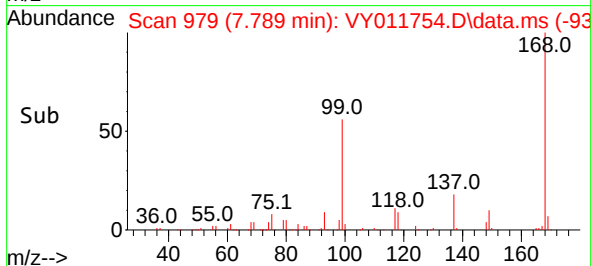
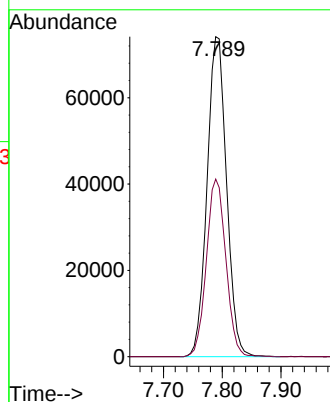
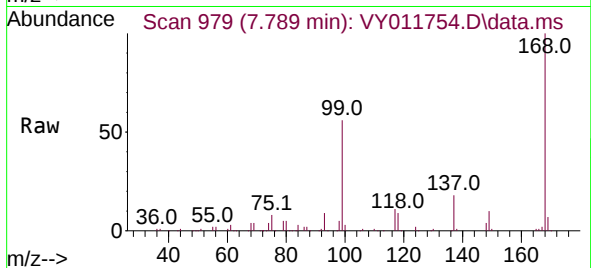




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011754.D
Acq: 09 Dec 2022 19:37

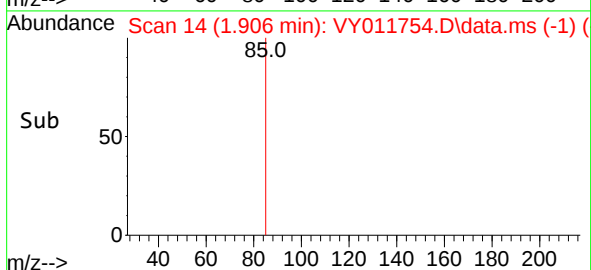
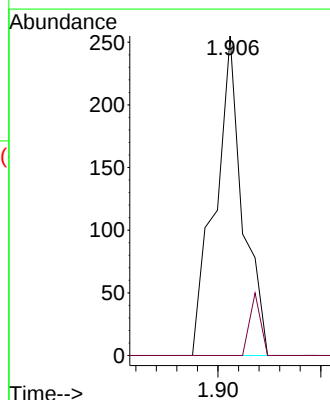
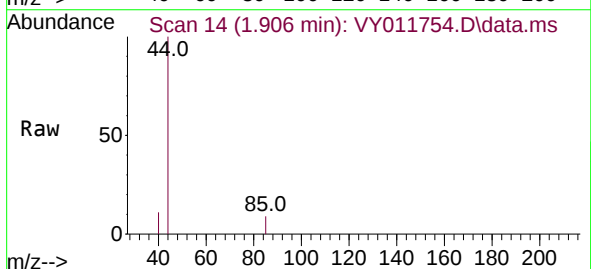
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-STOCK

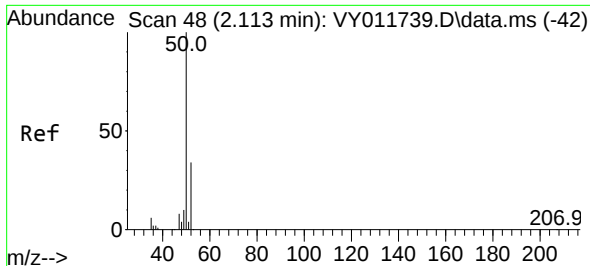
Tgt Ion:168 Resp: 170709
Ion Ratio Lower Upper
168 100
99 55.5 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011754.D
Acq: 09 Dec 2022 19:37

Tgt Ion: 85 Resp: 237
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#

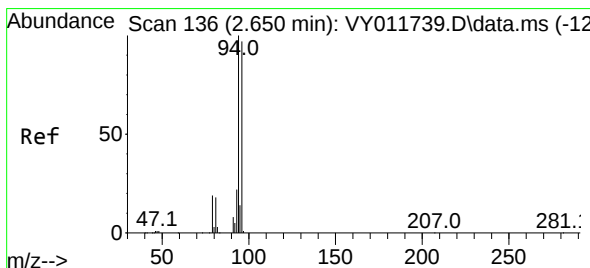
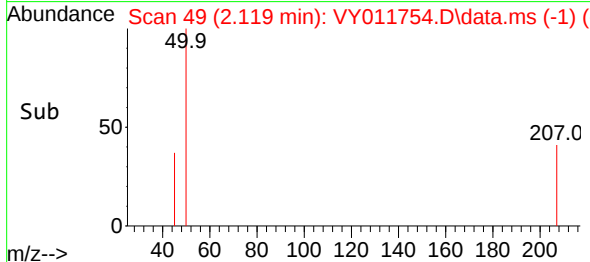
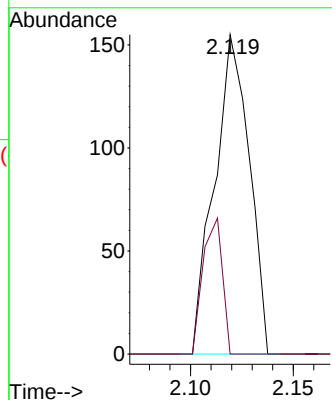
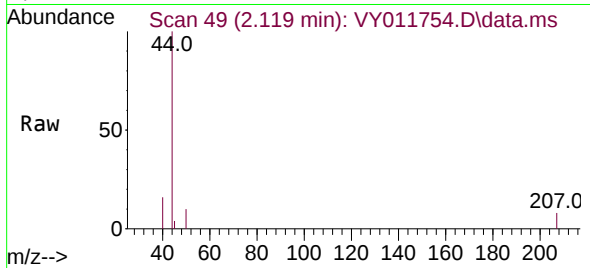




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY011754.D
Acq: 09 Dec 2022 19:37

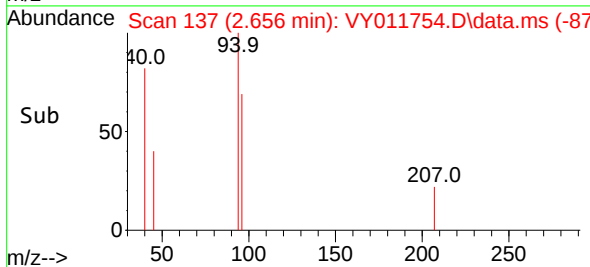
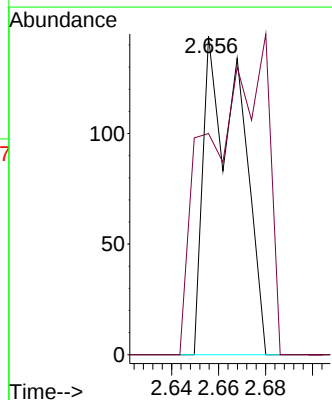
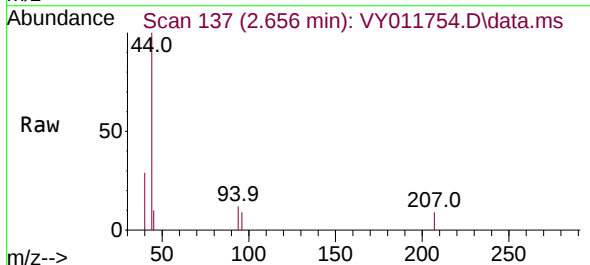
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-STOCK

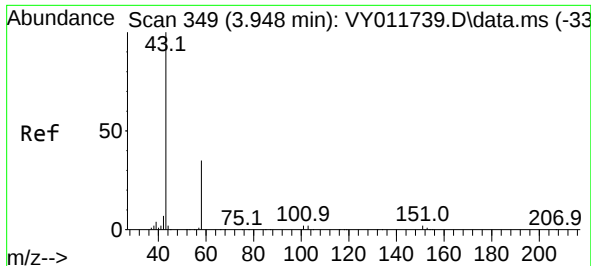
Tgt Ion: 50 Resp: 183
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. 0.006 min
Lab File: VY011754.D
Acq: 09 Dec 2022 19:37

Tgt Ion: 94 Resp: 158
Ion Ratio Lower Upper
94 100
96 69.4 77.4 116.2#

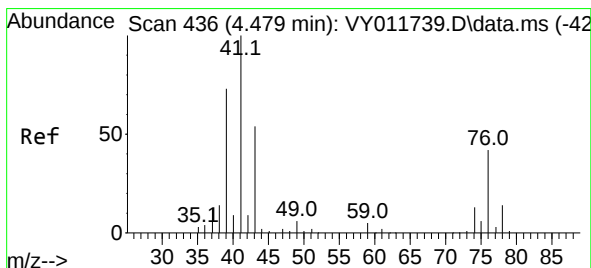
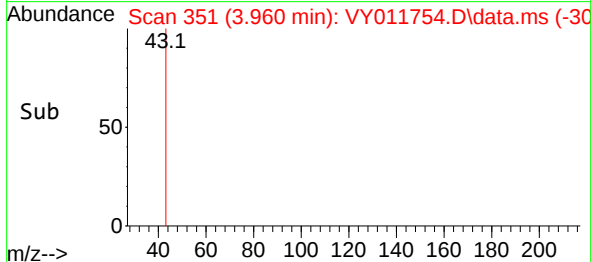
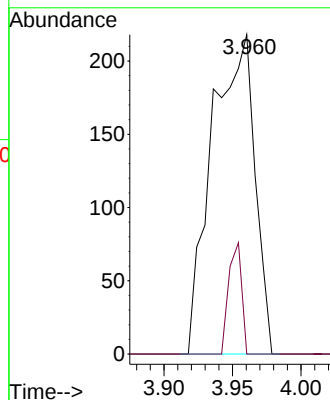
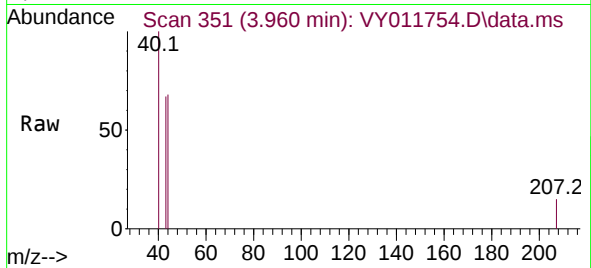




#16
Acetone
Concen: 1.015 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY011754.D
Acq: 09 Dec 2022 19:37

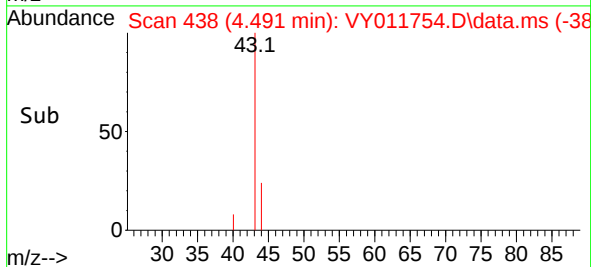
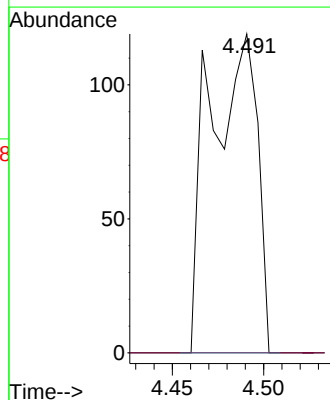
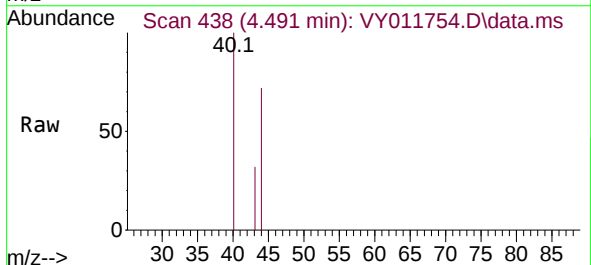
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-STOCK

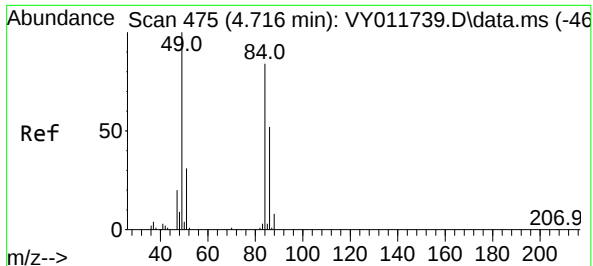
Tgt Ion: 43 Resp: 473
Ion Ratio Lower Upper
43 100
58 0.0 27.9 41.9#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY011754.D
Acq: 09 Dec 2022 19:37

Tgt Ion: 43 Resp: 212
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#





#20

Methylene Chloride

Concen: 3.346 ug/l

RT: 4.716 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY011754.D

Acq: 09 Dec 2022 19:37

Instrument :

MSVOA_Y

ClientSampleId :

SB-1-STOCK

Tgt Ion: 84 Resp: 14647

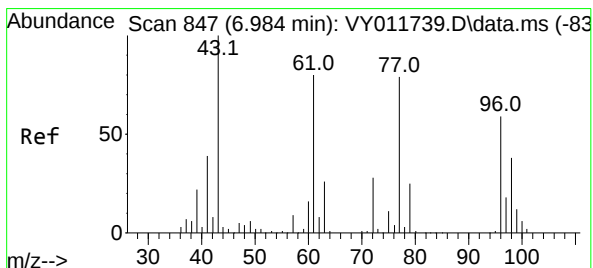
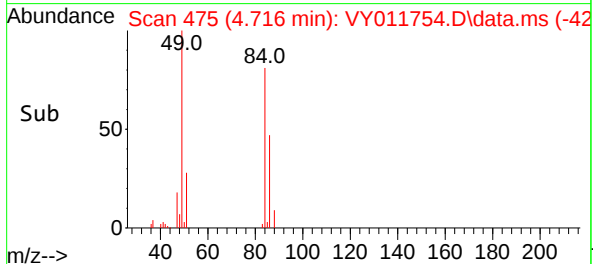
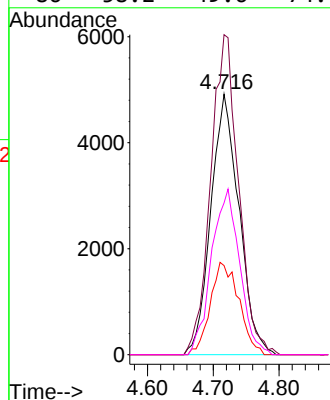
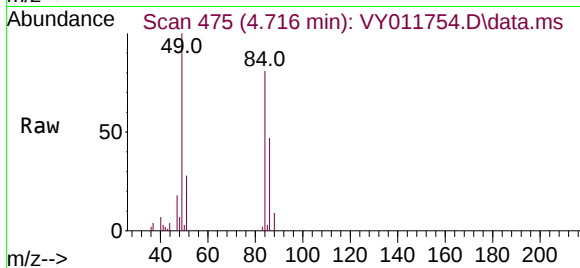
Ion Ratio Lower Upper

84 100

49 122.9 95.4 143.2

51 34.2 29.9 44.9

86 58.2 49.6 74.4



#25

2-Butanone

Concen: 1.773 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY011754.D

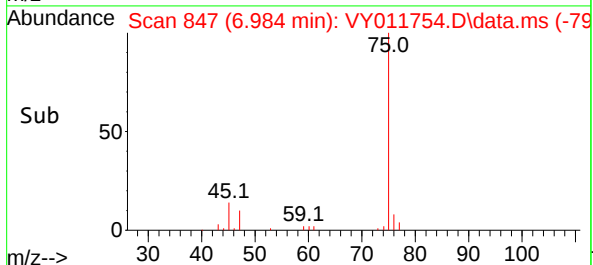
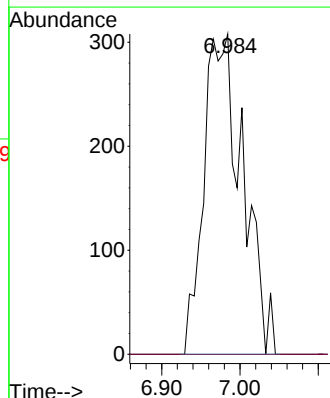
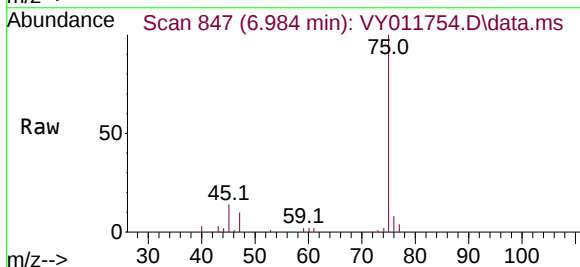
Acq: 09 Dec 2022 19:37

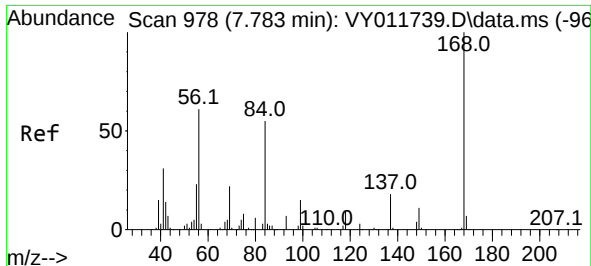
Tgt Ion: 43 Resp: 1063

Ion Ratio Lower Upper

43 100

72 0.0 22.6 34.0#

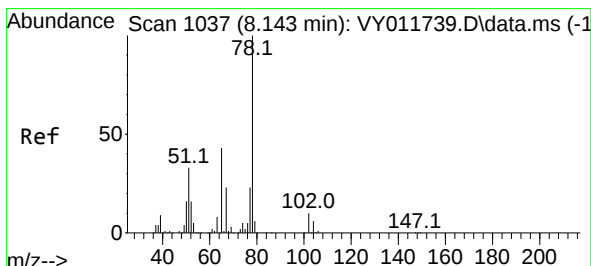
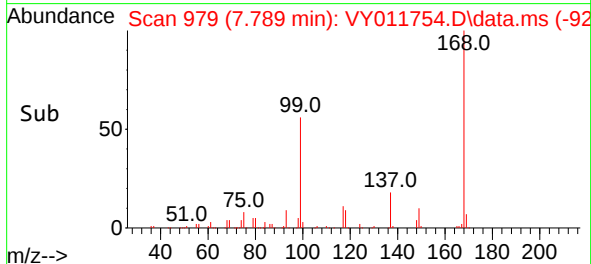
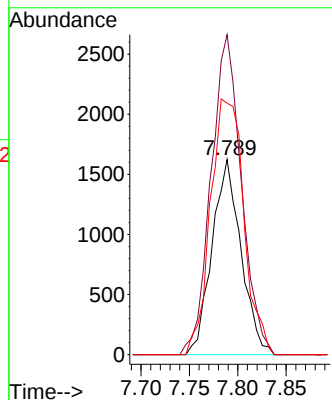
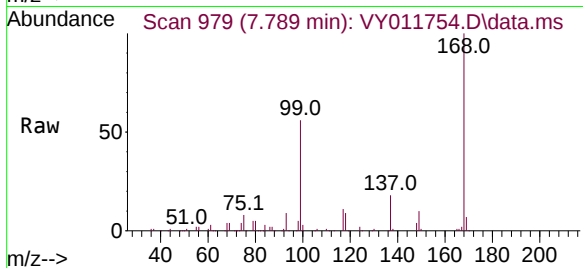




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011754.D
Acq: 09 Dec 2022 19:37

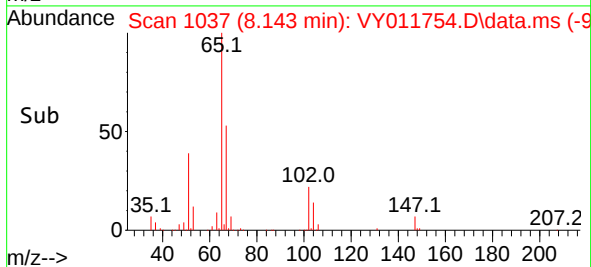
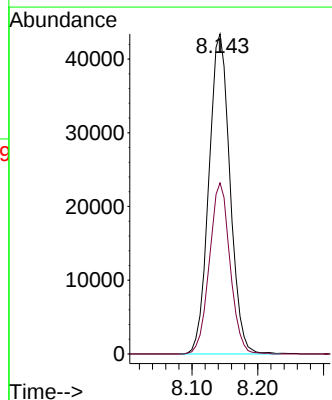
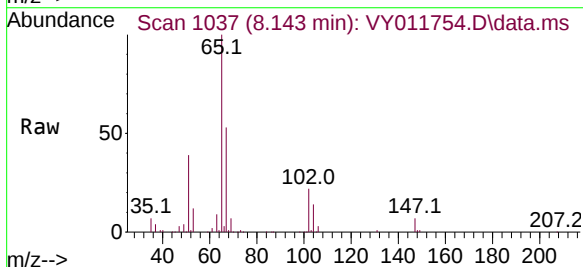
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-STOCK

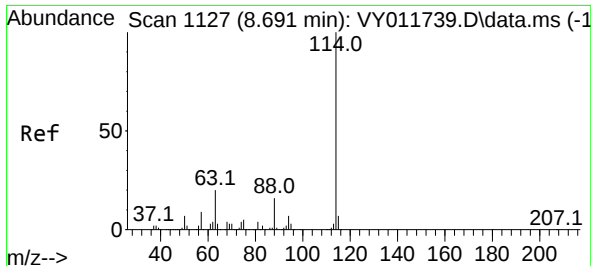
Tgt Ion: 56 Resp: 3376
Ion Ratio Lower Upper
56 100
69 163.9 29.2 43.8#
84 128.9 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 86.735 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011754.D
Acq: 09 Dec 2022 19:37

Tgt Ion: 65 Resp: 96935
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.2

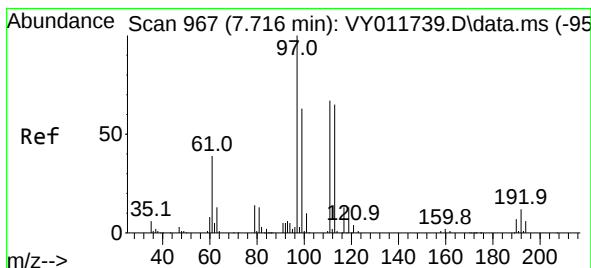
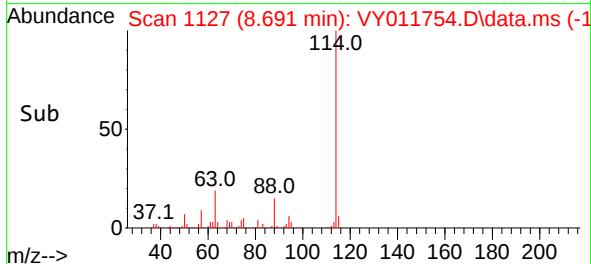
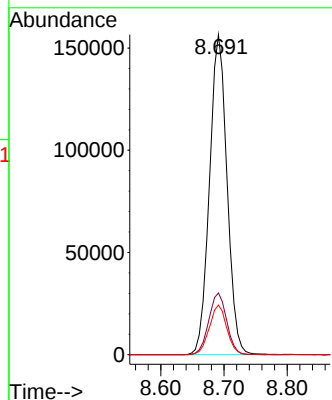
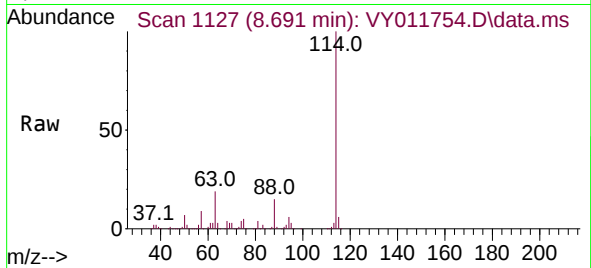




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011754.D
Acq: 09 Dec 2022 19:37

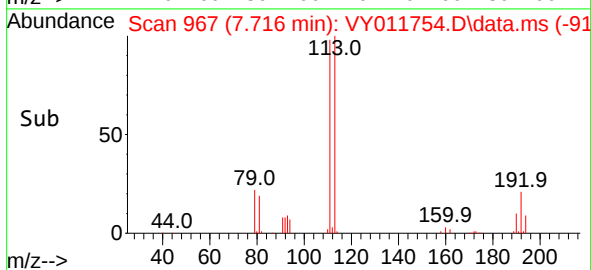
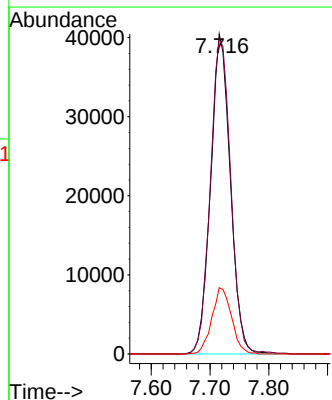
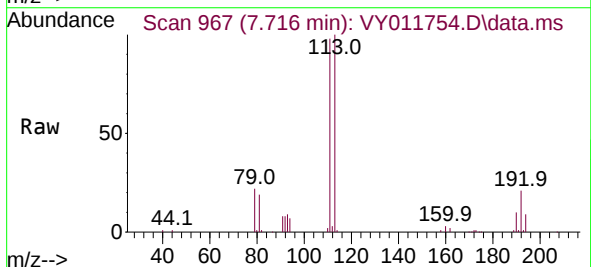
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-STOCK

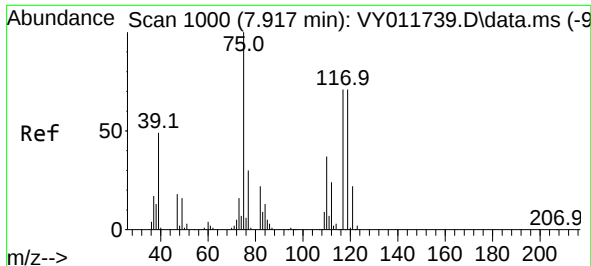
Tgt Ion:114 Resp: 301383
Ion Ratio Lower Upper
114 100
63 19.3 0.0 39.6
88 15.5 0.0 32.2



#35
Dibromofluoromethane
Concen: 72.119 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY011754.D
Acq: 09 Dec 2022 19:37

Tgt Ion:113 Resp: 94266
Ion Ratio Lower Upper
113 100
111 102.2 83.0 124.4
192 20.7 16.0 24.0





#36

1,1-Dichloropropene

Concen: 5.803 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011754.D

Acq: 09 Dec 2022 19:37

Instrument :

MSVOA_Y

ClientSampleId :

SB-1-STOCK

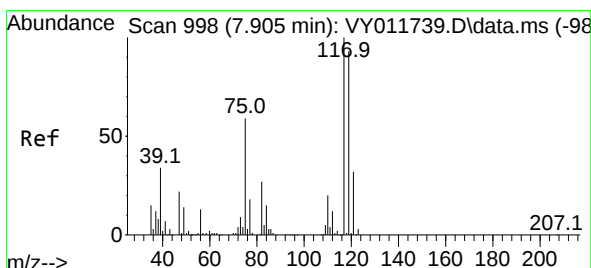
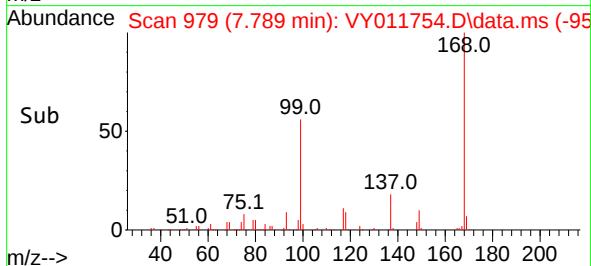
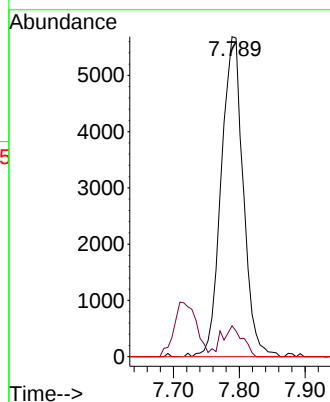
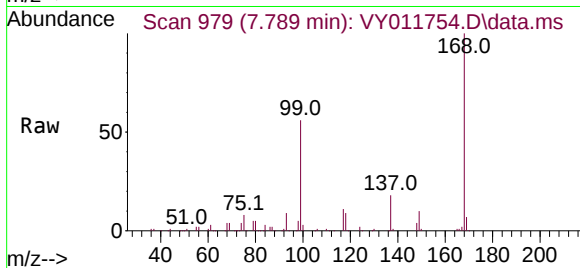
Tgt Ion: 75 Resp: 13272

Ion Ratio Lower Upper

75 100

110 9.3 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.582 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY011754.D

Acq: 09 Dec 2022 19:37

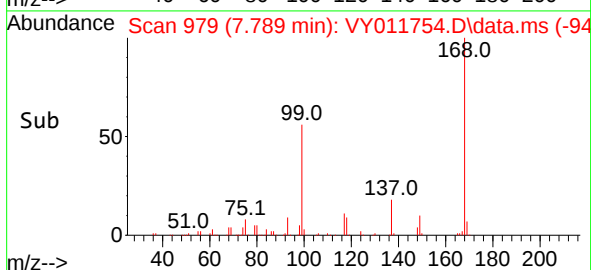
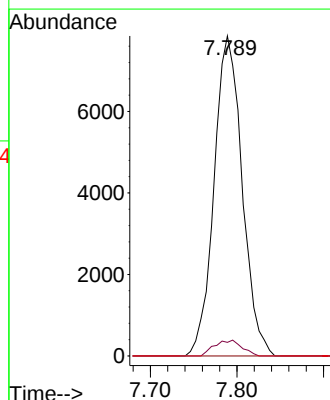
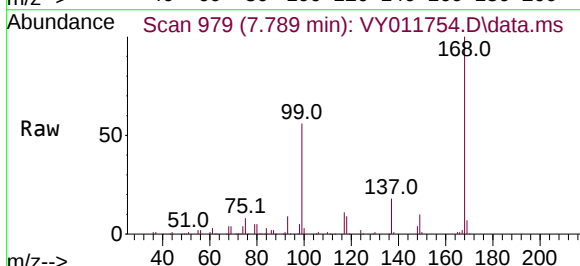
Tgt Ion: 117 Resp: 17682

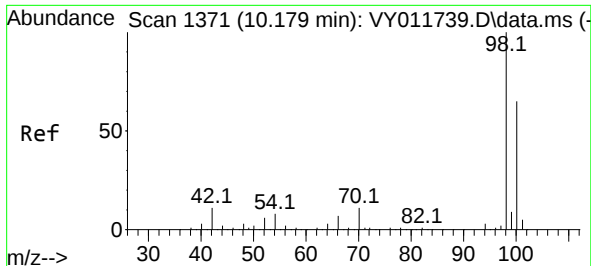
Ion Ratio Lower Upper

117 100

119 4.3 73.8 110.8#

121 0.0 25.2 37.8#

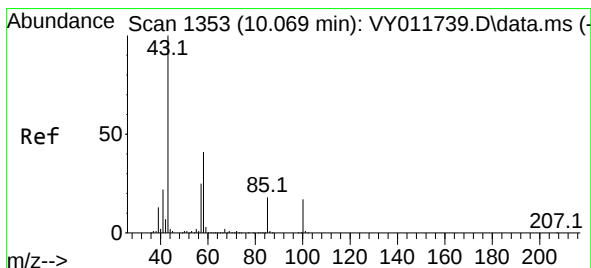
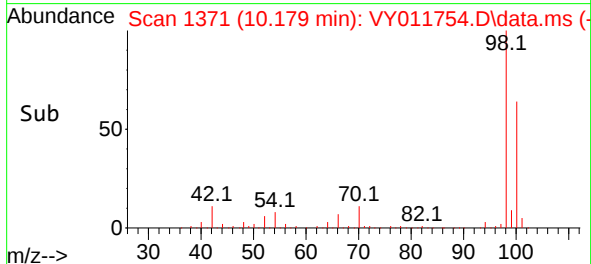
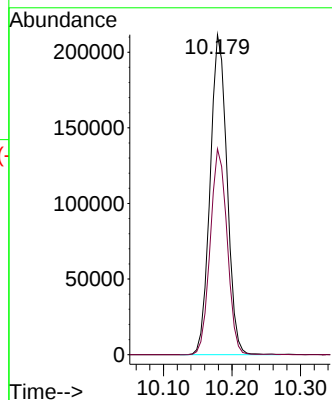
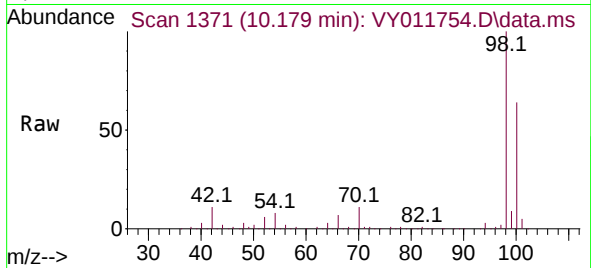




#50
Toluene-d8
Concen: 87.385 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011754.D
Acq: 09 Dec 2022 19:37

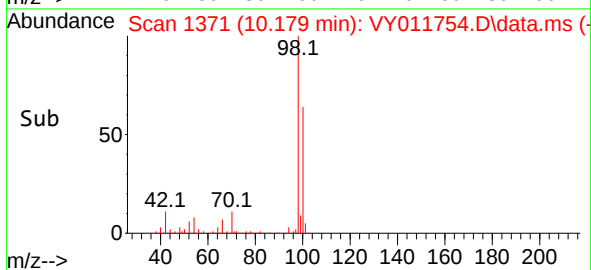
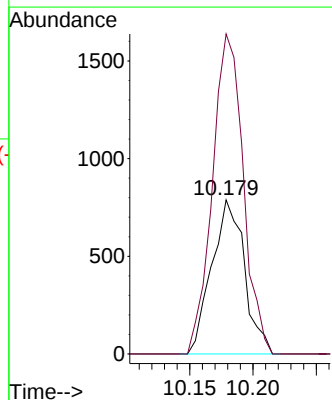
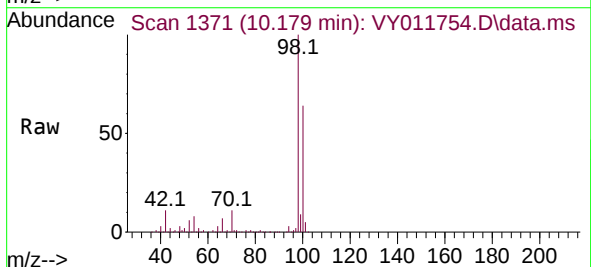
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-STOCK

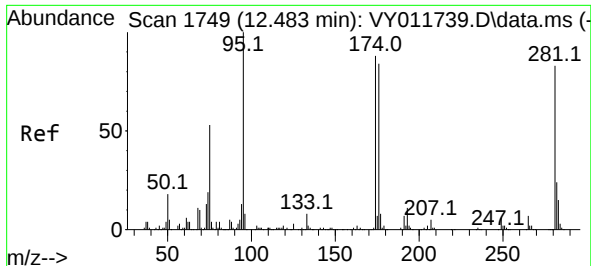
Tgt Ion: 98 Resp: 361841
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.061 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY011754.D
Acq: 09 Dec 2022 19:37

Tgt Ion: 43 Resp: 1418
Ion Ratio Lower Upper
43 100
58 196.0 32.9 49.3#

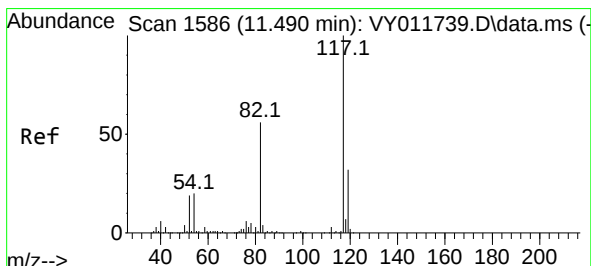
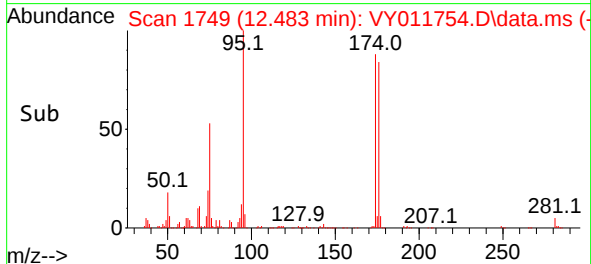
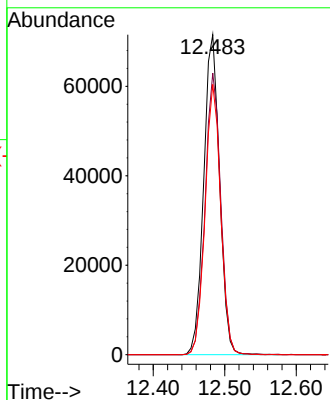
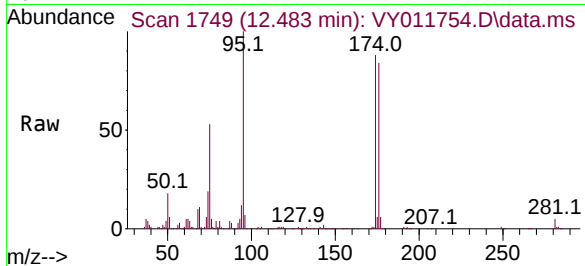




#62
4-Bromofluorobenzene
Concen: 64.285 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011754.D
Acq: 09 Dec 2022 19:37

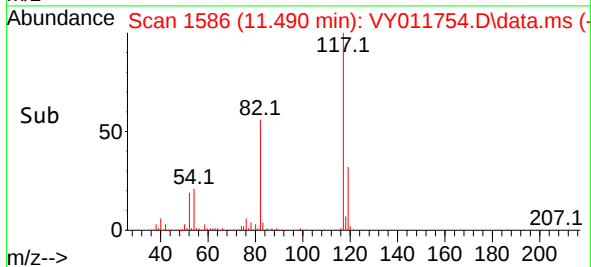
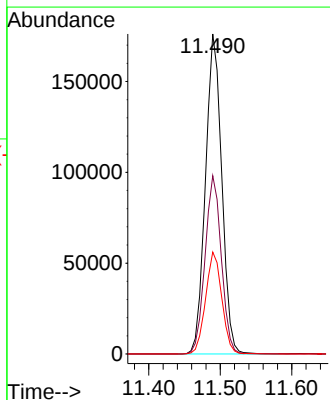
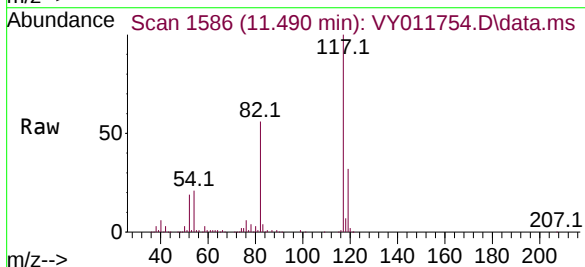
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-STOCK

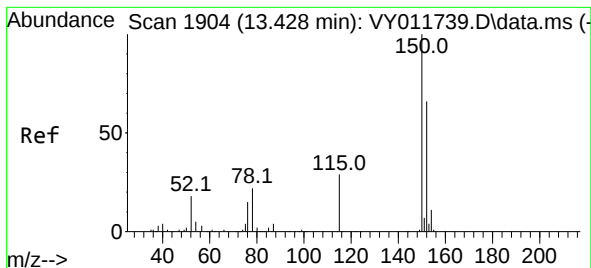
Tgt Ion: 95 Resp: 110048
Ion Ratio Lower Upper
95 100
174 87.3 0.0 172.0
176 83.1 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011754.D
Acq: 09 Dec 2022 19:37

Tgt Ion: 117 Resp: 279223
Ion Ratio Lower Upper
117 100
82 55.7 44.8 67.2
119 31.8 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY011754.D

Acq: 09 Dec 2022 19:37

Instrument :

MSVOA_Y

ClientSampleId :

SB-1-STOCK

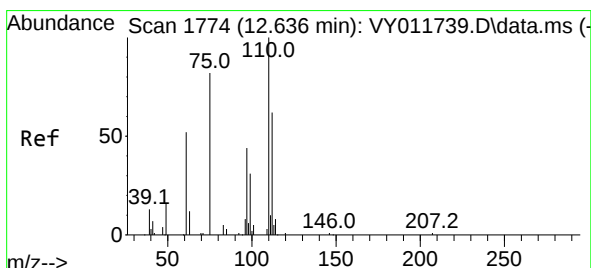
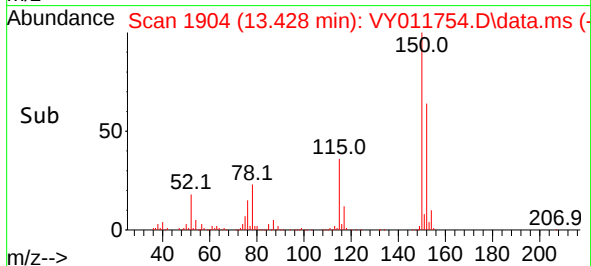
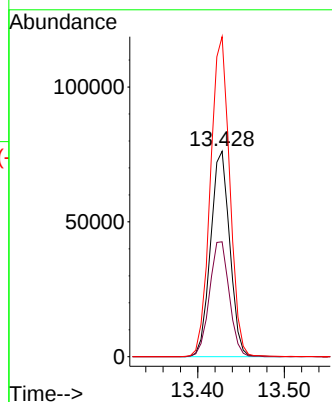
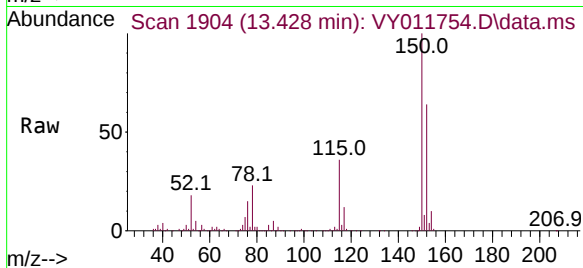
Tgt Ion:152 Resp: 116988

Ion Ratio Lower Upper

152 100

115 57.6 29.1 87.3

150 157.4 0.0 342.6



#76

1,2,3-Trichloropropane

Concen: 48.967 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY011754.D

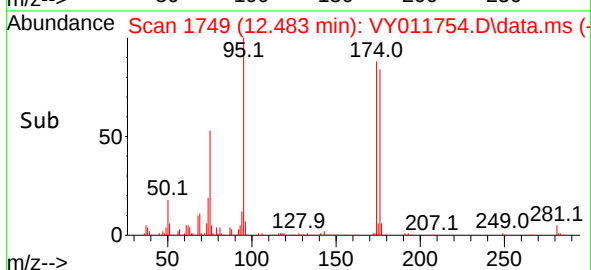
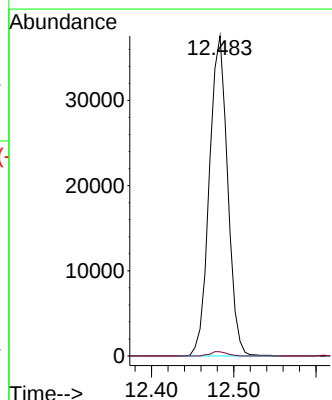
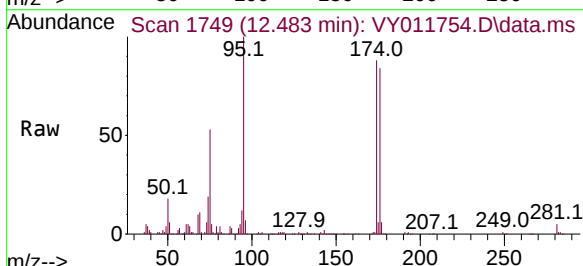
Acq: 09 Dec 2022 19:37

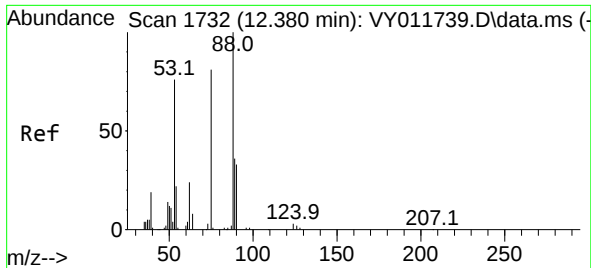
Tgt Ion: 75 Resp: 57958

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.116 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY011754.D
 Acq: 09 Dec 2022 19:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1-STOCK

Tgt Ion: 75 Resp: 57958
 Ion Ratio Lower Upper
 75 100
 53 0.2 72.5 108.7#
 89 0.0 37.0 55.4#

